Human Immunology

Volume 31, Number 1, May 1991

Contents

D. PHELAN, G. HADLEY, B. DUFFY, S. MOHANAM, and T. MOHANAKUMAR
Antiidiotypic Antibodies to HLA Class I Alloantibodies in Normal Individuals: A Mechanism of Tolerance to Noninherited Maternal HLA Antigens 1

C. NEVINNY-STICKEL, M.d.l.P. BETTINOTTI, A. ANDREAS, M. HINZPETER, K. MÜHLEGGER, G. SCHMITZ, and E. D. ALBERT
Nonradioactive HLA Class II Typing Using Polymerase Chain Reaction and Digoxigenin-11-2′-3′-dideoxy-uridinetriphosphate-Labeled Oligonucleotide Probes 7

M. OUDSHOORN, R. W. MARTELL, B. ARENDSE, and E. D. DU TOIT
Unusual HLA-DR,DQ Haplotypes Found in South African Families of Black, Asian Indian, and Mixed Ancestral Origin 14

GIOVINA RUBERTI, ANN B. BEGOVICH, ALLEN C. STEERE, WILLIAM KLITZ, HENRY A. ERLICH, and C. GARRISON FATHMAN
Molecular Analysis of the Role of the HLA Class II Genes DRB1, DQA1, DQB1, and DPB1 in Susceptibility to Lyme Arthritis 20

JAN KLEIN, MASANORI KASAHARA, JUTTA GUTKNECHT, and CHRISTIAN SCHÖNBACH
Phylogeny of Primate Major Histocompatibility Complex DRB Alleles 28

F. T. CHRISTIANSEN, R. E. BONTROP, M. GIPHART, P. U. CAMERON, W. J. ZHANG, D. TOWNEND, M. JONKER, and R. L. DAWKINS
Major Histocompatibility Complex Ancestral Haplotypes in the Chimpanzee: Identification Using C4 Allotyping 34

F. MAZEROLLES, C. AUFFRAY, and A. FISCHER
Down Regulation of T-Cell Adhesion by CD4 40

PAUL ZHOU, GARY D. ANDERSON, SURESH SAVARIRAYAN, HIDETOSHI INOKO, and CHELLA S. DAVID
Human HLA-DQ$_\beta$ Chain Presents Minor Lymphocyte Stimulating Locus Gene Products and Clonally Deletes TCR $V_\beta6^+$, $V_\beta8.1^+$ T Cells in Single Transgenic Mice 47

STANLEY R. RESS, JEANNE ROUSSEAU, BHARATI RATANJEE, KAREN EIDNE, ROBERT P. MILLAR, and MUSTAPHA KERAAN
HLA Class II Induction by Interferon-γ in K562 Variant Cell Line: Inhibition by Serum Lipid 57

MARY B. BOWEN, ANTHONY W. BUTCH, CURTIS A. PARVIN, ALAN LEVINE, and MOON H. NAHM
Germinal Center T Cells Are Distinct Helper-Inducer T Cells 67

Human Immunology is cited in *Biological Abstracts, Chemical Abstracts, Current Contents (Life Sciences), Excerpta Medica, Index Medicus*

Volume 31, Number 2, June 1991

E. MARTÍNEZ-NAVES, E. COTO, V. GUTIÉRREZ, J. M. URRA, F. SETIÉN, O. DOMÍNGUEZ, L. E. HOOD, and C. LÓPEZ-LARREA
Germline Repertoire of T-Cell Receptor β-Chain Genes in Patients with Insulin-Dependent Diabetes Mellitus 77

HELLMUTH NORDWIG, WILLIAM W. KWOK, and JUDITH P. JOHNSON
Identification of the Amino Acid Residues Contributing to Monoclonal Antibody-Defined DQw1 Epitopes 81

MARIA PIA PISTILLO, OSVALDO MAZZOLENI, LU KUN, MICHELA FALCO, PIER LUIGI TAZZARI, and GIOVANNI BATTISTA FERRARA
Production of Two Human Hybridomas Secreting Antibodies to HLA-DRw11 and −DRw8+w12 Specificities 86

A. ALPÉROVITCH, C. BERR, A. CAMBON-THOMSEN, J. PUEL, J.-M. DUGOUJON, J.-B. RUIDAVETS, and M. CLANET
Viral Antibody Titers, Immunogenetic Markers, and Their Interrelations in Multiple Sclerosis Patients and Controls 94

WILSON J. BOLSOVER, MARGARET A. HALL, ROBERT W. VAUGHAN, KENNETH I. WELSH, and PAUL J. CICLITIRA
A Family Study Confirms that the HLA-DP Associations with Celiac Disease Are the Result of an Extended HLA-DR3 Haplotype 100

CAROLYN KATOVICH HURLEY, KYUNG WHA LEE, ERIC MICKELSON, SUSAN MASEWICZ, and ARMEAD H. JOHNSON
DRw8 Microvariation: A New DRB1 Allele Identified in Association with DQw7 in American Blacks 109

JEFFERY MOLKENTIN, JACK GORSKI, and LEE ANN BAXTER-LOWE
Detection of 14 HLA-DQB1 Alleles by Oligotyping 114

YI-CHONG WANG, AHVIE HERSKOWITZ, LU-BING GU, KIRK KANTER, OMAR LATTOUF, KENNETH W. SELL, and AFTAB AHMED-ANSARI
Influence of Cytokines and Immunosuppressive Drugs on Major Histocompatibility Complex Class I/II Expression by Human Cardiac Myocytes in Vitro 123

JORGE MARTINEZ-LASO, JOSE L. VICARIO, ALFREDO CORELL, JOSE M. MARTIN-VILLA, PABLO MORALES, GREGORIO LLEDÓ and ANTONIO ARNAIZ-VILLENA
Exclusive HLA-DQ Factors Do Not Explain Susceptibility to Insulin-Dependent Diabetes 134

M. ELISA MORAES, MARCELO FERNANDEZ-VIÑA, and PETER STASTNY
DNA Typing for Class II HLA Antigens with Allele-Specific or Group-Specific Amplification.
IV. Typing for Alleles of the HLA-DR2 Group 139

D. MIDDLETON, D. A. SAVAGE, C. CULLEN, and J. MARTIN
Five New TaqI DRB1 Polymorphisms 145

DAVID S. PISETSKY, BARTON F. HAYNES, PETER E. LIPSKY, ANDREW H. KANG, and ARNOLD E. POSTLETHWAITE
The Specialized Centers of Research in Rheumatoid Arthritis
Recent Progress and Prospects for Future Advances 148

Volume 31, Number 3, July 1991

LILIEN P. CHERTKOFF, MARIANA HERRERA, LEONARDO FAINBOIM, and M. LEONARDO SATZ
Complete Nucleotide Sequence of a Genomic Clone Encoding HLA-B35 Isolated from a Caucasian Individual of Hispanic Origin
Identification of a New Variant of HLA-B35 153

CARLO CARCASSI, GIULIANA TRUCCO, MASSIMO TRUCCO, and LICINIO CONTU
A New HLA-DR2 Extended Haplotype Is Involved in Insulin-Dependent Diabetes Mellitus Susceptibility 159

G. PAWELEC and H. J. BÜHRING
Monoclonal Antibodies to CD6 Preferentially Stimulate T-Cell Clones with γ/δ Rather Than α/β Antigen Receptors 165

NANCY D. URBAN and KAREN S. ZIER
Negative Signal Transmission Through Class II Molecules on Activated T Cells 170

CYNTHIA M. SCHMIDT and HARRY T. ORR
A Physical Linkage Map of HLA-A, -G, -7.5p, and -F 180

JULIA G. BODMER, STEVEN G. E. MARSH, EKKEHARD D. ALBERT, WALTER F. BODMER, BO DUPONT, HENRY A. ERLICH, BERNARD MACH, WOLFGANG R. MAYR, PETER PARHAM, TAKEHIKO SASAZUKI, GEZIENA M. TH. SCHREUDER, JACK L. STROMINGER, ARNE SVEJGAARD, and PAUL I. TERASAKI
Nomenclature for Factors of the HLA System, 1990 186

JACQUELINE ZEMMOUR and PETER PARHAM
HLA Class I Nucleotide Sequences, 1991 195

STEVEN G. E. MARSH and JULIA G. BODMER
HLA Class II Nucleotide Sequences, 1991 207

Volume 31, Number 4, August 1991

E. O. LONG, S. ROSEN-BRONSON, D. R. KARP, M. MALNATI, R. P. SEKALY, and D. JARAQUEMADA
Efficient cDNA Expression Vectors for Stable and Transient Expression of HLA-DR in Transfected Fibroblast and Lymphoid Cells 229

PAULA J. ROMANO, MARY BARTHOLOMEW, PHILIP J. SMITH, FRANCINE KLOSZEWSKI, JOHN STRYKER, JOHN HOUCK, and ELLIOT S. VESELL
HLA Antigens Influence Resistance to Lung Carcinoma 236

ANNEMARIE TERMIJTELEN, H. A. ERLICH, L. A. BRAUN, W. VERDUYN, J. J. M. DRABBELS, W. E. M. SCHROEIJERS, J. J. VAN ROOD, H. S. DE KOSTER, and M. J. GIPHART
Oligonucleotide Typing Is a Perfect Tool To Identify Antigens Stimulatory in the Mixed Lymphocyte Culture 241

HIRONORI NIIZEKI, HIDETOSHI INOKO, HISASHI NARIMATSU, HAJIME TAKATA, AKIRA SONODA, TAKUSHI TADAKUMA, ASAKO ANDO, KIMIYOSHI TSUJI, TAKASHI HASHIMOTO, and TAKEJI NISHIKAWA
HLA Class II Antigens Are Associated with Japanese Pemphigus Patients 246

LI-YA JU, XUE-FAN GU, RAFIKA BARDIE, R. KRISHNAMOORTHY, and DOMINIQUE CHARRON
A Simple Nonradioactive Method of DNA Typing for Subsets of HLA-DR4: Prevalence Data on HLA-DR4 Subsets in Three Diabetic Population Groups 251

DOMINIQUE CHARRON
Autoimmunity in Human Immunology 259

NATHALIE TEMIME, ARLETTE JOLIVIERE, DANIÈLE LANDO, LUC TEYTON, and DOMINIQUE CHARRON
Autocrine Stimulation of Interleukin 1 in Human Adherent Synovial Lining Cells: Down Regulation by Interferon Gamma 261

D. WEYL, T. HANSEN, Y. DESCHAMPS, K. HANNESTAD, and A. TOUBERT
Epitope Mapping of Human Monoclonal Antibodies to HLA-B27 By Using Natural and Mutated Antigenic Variants 271

REEM AL-DACCAK, FU QING WANG, DIDIER THEOPHILLE, PIERRE LETHIELLEUX, JACQUES COLOMBANI, and PASQUALE LOISEAU
Gene Polymorphism of HLA-DPB1 and DPA1 Loci in Caucasoid Population: Frequencies and DPB1-DPA1 Associations 277

MARIA DIEDRICHS-MÖHRING, JÖRG T. EPPLEN, and DOLORES J. SCHENDEL
Enhanced Expression of HLA-Class II Molecules on Activated Human T Lymphocytes Following Treatment with Tumor Necrosis Factor Alpha 286

SHEILA DROVER and WILLIAM H. MARSHALL
Transfection of HLA Genes Using Genomic DNA 293